

<010> Study Area Code	618310
<015> Study Area Name	Copper Valley Wireless, LLC
<020> Program Year	2015
<030> Contact Name: Person USAC should contact with questions about this data	Pam Murphy
<035> Contact Telephone Number: Number of the person identified in data line <030>	9078352231 ext. 7721
<039> Contact Email: Email of the person identified in data line <030>	pmurphy@cvtc.org

*(check box when complete)*

<040> <b>Has the information required pursuant to §54.1009 been provided with a Form 481 filing (Y/N)</b>	<040> <input type="radio"/> <input checked="" type="radio"/>
<041> Attach a description of the documents filed with the Form 481 reporting	<041> <div style="border: 1px solid black; height: 40px; width: 100%;"></div>
<042> Cite the Study Area Code (SAC) for the Form 481 reporting	<042> <div style="border: 1px solid black; height: 15px; width: 100%;"></div>
<050> <b><u>Carrier Contact Information</u></b> <span style="float: right;"><i>(complete attached worksheet)</i></span>	<050> <input checked="" type="checkbox"/>
<060> <b><u>Coverage and Performance Report</u></b> <span style="float: right;"><i>(complete attached worksheet)</i></span>	<060> <input checked="" type="checkbox"/>
<070> <b><u>Urban Rate Comparability Certification</u></b> <span style="float: right;"><i>(complete attached certification)</i></span>	<070> <input checked="" type="checkbox"/>
<080> <b><u>Tribal Lands Reporting (y/n?)</u></b> <span style="float: right;"><i>(Does this study area cover tribal lands? Yes or No)</i></span>	<input checked="" type="radio"/> <input type="radio"/>
<span style="float: right;"><i>(If yes, complete the attached worksheet)</i></span>	<080> <input checked="" type="checkbox"/>
<090> <b><u>Project Update Information</u></b> <span style="float: right;"><i>(complete attached worksheet)</i></span>	<090> <input checked="" type="checkbox"/>
<100> <b><u>Certifications</u></b>	
<101> Reporting Carrier Certification <span style="float: right;"><i>(complete attached certification)</i></span>	<101> <input checked="" type="checkbox"/>
<102> Agent Certification <span style="float: right;"><i>(complete attached certification)</i></span>	<102> <input type="checkbox"/>

**Notice to Individuals Required by the Paperwork Reduction Act of 1995**

OMB Control Number 3060-1185 (Annual Report for Mobility Fund Phase I Support, FCC Form 690 and Record Retention Requirements)

Notice to Individuals Required by the Paperwork Reduction Act of 1995

Public reporting burden for this collection of information is estimated to average 18 hours per response. Our estimate includes the time to read the instructions, look through existing records, gather and maintain required data, and actually complete and review the form or response. If you have any comments on this estimate, or on how we can improve the collection and reduce the burden it causes you, please write the Federal Communications Commission, Office of Managing Director, AMD-PERF, Washington, DC 20554, Paperwork Reduction Act Project (3060-1185). Please DO NOT SEND COMPLETED FORMS TO THIS ADDRESS. You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number and/or we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-1185.

THIS NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.

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<039>	Contact Email Address - Email Address of person identified in data line <030>	pmurphy@cvtc.org

**Reporting Carrier / Mobility Fund Phase 1 Winning Bidder**

<110>	FCC Registration Number	0022505283
<111>	Filing Carrier Name	Copper Valley Wireless, LLC
<112>	Winning Bidder Carrier Name	Copper Valley Wireless, LLC
<113>	Street Address (or PO Box)	329 Fairbanks Street
<114>	City	Valdez
<115>	State	AK
<116>	Zip-Code	99686
<117>	Telephone Number	9078352231 ext.7721
<118>	Fax Number	9078357813
<119>	Email Address	pmurphy@cvtc.org

**Contact Information**

if same as above, indicate in this box



<120>	Name (First, MI, Last, Suffix)	Pam Murphy
<121>	Filing Carrier Name	Copper Valley Wireless, LLC
<122>	Street Address (or PO Box)	329 Fairbanks Street
<123>	City	Valdez
<124>	State	AK
<125>	Zip-Code	99686
<126>	Telephone Number	9078352231 ext.7721
<127>	Fax Number	9078357813
<128>	Email Address	pmurphy@cvtc.org

**Authorized Agent Information**

if no agent, indicate in this box



<130>	Name (First, MI, Last, Suffix)	
<131>	Company	
<132>	Street Address (or PO Box)	
<133>	City	
<134>	State	
<135>	Zip-Code	
<136>	Telephone Number	
<137>	Fax Number	
<138>	Email Address	

**(060) Coverage and Performance Report**

FCC Form 690

Approved by OMB

OMB Control No. 3060-1185

Page 3 of 8

<010>	Study Area Code	618310
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<020>	Program Year	2015
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<035>	Contact Telephone Number - Number of person identified in data line <030>	9078352231 ext.7721
<039>	Contact Email Address - Email Address of person identified in data line <030>	pmurphy@cvwc.org
<140>	Coverage and Performance Report Year	01/2014 - 12/2014

Coverage and Performance attachments

618310\_CPRd\_AK.zip

<141>	<a1>	<a2>	<a3>	<b1>	<b2>	<b3>	<c1>	<c2>	<c3>	<d>
	State	County	Census Block	Resident Population per Census Block	Resident Population Newly Reached by Service	Total Resident Population Reached by Service	Road Miles per Census Block	Road Miles per Census Block Newly Reached	Total Road Miles covered per Census Block	Certify that Coverage and Performance data is uploaded (Yes/no)
				--	See attached worksheet					
				--						

Percentage of Total Population Reached by Service

Percentage of Total Road Miles covered by Service

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<039> Contact Email Address - Email Address of person identified in data line <030>	pmurphy@cvtc.org

**TO BE COMPLETED BY THE REPORTING CARRIER, IF THE REPORTING CARRIER IS FILING CERTIFICATION DATA ON ITS OWN BEHALF:**

<b>Certification of Officer or Employee as to Compliance with 47 CFR §54.1009(a)(4)</b>	
I certify that I am an officer or employee of the reporting carrier; my responsibilities include ensuring compliance with 47 CFR §54.1009(a)(4), the information reported on this form and in any attachments is accurate.	
Name of Reporting Carrier:	Copper Valley Wireless, LLC
Signature of Authorized Officer:	CERTIFIED ONLINE <span style="float: right;">Date 06/30/2015</span>
Printed name of Authorized Officer:	Pamla Murphy
Title or position of Authorized Officer:	CFO
Telephone number of Authorized Officer:	9078352231 ext.7721
Study Area Code of Reporting Carrier:	618310 <span style="float: right;">Filing Due Date for this form: 07/01/2015</span>
Persons willfully making false statements on this form can be punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.	

**TO BE COMPLETED BY THE REPORTING CARRIER, IF AN AGENT IS FILING CERTIFICATION DATA ON THE CARRIER'S BEHALF:**

<b>Certification of Officer or Employee to authorize an Agent to file Compliance with 47 CFR §54.1009(a)(4) on Behalf of Reporting Carrier</b>	
I certify that (Name of Agent) _____ is authorized to submit the information reported on behalf of the reporting carrier. I also certify that I am an officer or employee of the reporting carrier; my responsibilities include ensuring compliance with 47 CFR §54.1009(a)(4) reported to the authorized agent; and, to the best of my knowledge, the reports and data provided to the authorized agent is accurate.	
Name of Authorized Agent:	
Name of Reporting Carrier:	
Signature of Authorized Officer or Employee:	Date:
Printed name of Authorized Officer or Employee:	
Title or position of Authorized Officer or Employee:	
Telephone number of Authorized Officer or Employee:	
Study Area Code of Reporting Carrier:	Filing Due Date for this form:
Persons willfully making false statements on this form can be punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.	

**TO BE COMPLETED BY THE AUTHORIZED AGENT:**

<b>Certification of Agent Authorized to File Compliance with 47 CFR §54.1009(a)(4) on Behalf of Reporting Carrier</b>	
I, as agent for the reporting carrier, certify that I am authorized to submit the certification on behalf of the reporting carrier; I have provided the data reported herein based on data provided by the reporting carrier; and, to the best of my knowledge, the information reported herein is accurate.	
Name of Reporting Carrier:	
Name of Authorized Agent or Employee of Agent:	
Signature of Authorized Agent or Employee of Agent:	Date:
Printed name of Authorized Agent or Employee of Agent:	
Title or position of Authorized Agent or Employee of Agent:	
Telephone number of Authorized Agent or Employee of Agent:	
Study Area Code of Reporting Carrier:	Filing Due Date for this form:
Persons willfully making false statements on this form can be punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.	

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<039>	Contact Email Address - Email Address of person identified in data line <030>	pmurphy@cvtc.org

<142> State AK

Valdez-Cordova

<143> County \_\_\_\_\_

Native Villages of Tazlina and Kluti-Kaah

<144> Tribal Land(s) on which ETC Serves \_\_\_\_\_

618310\_TLRa5\_AK.pdf

<145> Tribal Government Engagement Obligation

Name of Attached Document (.pdf)

If your company serves Tribal lands, please select (Yes, No, Not Applicable) for each of these boxes to confirm the status described on the attached PDF, on line 145, demonstrates coordination with the Tribal government pursuant to § 54.1004 includes:

- <146> Needs assessment and deployment planning with a focus on Tribal community anchor institutions;
- <147> Feasibility and sustainability planning;
- <148> Marketing services in a culturally sensitive manner;
- <149> Compliance with Rights of way processes
- <150> Compliance with Land Use permitting requirements
- <151> Compliance with Facilities Siting rules
- <152> Compliance with Environmental Review processes
- <153> Compliance with Cultural Preservation review processes
- <154> Compliance with Tribal Business and Licensing requirements.

Select (Yes, No, Not Applicable)
Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes

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&lt;200&gt; Date Authorized to Receive Support

12/19/2014

&lt;201&gt; Targeted Completion Date

12/19/2017

&lt;202&gt; Total Mobility Fund Support Awarded

6000.00

&lt;203&gt; Total Mobility Fund Support Disbursed

2000.00

&lt;210&gt; Actual Completion Date

06/23/2014

&lt;211&gt; Project Status Description (attached)

618310\_PSD\_AK.pdf

{Name of PDF attached}

Please check these boxes below to confirm that the attached PDF, on line 211, contains a project status pursuant to §54.1005(b)(2)(v). The information shall be submitted as appropriate.

&lt;212&gt; Status of Network Deployment - Network Design

☒

&lt;213&gt; Status of Network Deployment - Construction

☒

&lt;214&gt; Status of Network Deployment - Deployment

☒

&lt;215&gt; Status of Network Deployment - Maintenance

☒

&lt;216&gt; Project Budget Status

☒

&lt;217&gt; Project Plan Status

☒

&lt;218&gt; Certify Network will Support 3G/4G Mobile Service (Yes / No)



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<039>	Contact Email Address - Email Address of person identified in data line <030>	pmurphy@cvtc.org

**TO BE COMPLETED BY THE REPORTING CARRIER, IF THE REPORTING CARRIER IS FILING ON ITS OWN BEHALF:****Certification of Officer as to the Accuracy of the Data Reported for Mobility Fund Recipients**

I certify that I am an officer of the reporting carrier; my responsibilities include ensuring the accuracy of the reporting requirements for Mobility Fund recipients; and, to the best of my knowledge, the information reported on this form and in any attachments is accurate.

Name of Reporting Carrier: Copper Valley Wireless, LLC

Signature of Authorized Officer: CERTIFIED ONLINE

Date 06/30/2015

Printed name of Authorized Officer: Pamla Murphy

Title or position of Authorized Officer: CFO

Telephone number of Authorized Officer: 9078352231 ext.7721

Study Area Code of Reporting Carrier: 618310

Filing Due Date for this form: 07/01/2015

Persons willfully making false statements on this form can be punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.

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<039>	Contact Email Address - Email Address of person identified in data line <030>	pmurphy@cvtc.org

## TO BE COMPLETED BY THE REPORTING CARRIER, IF AN AGENT IS FILING ON THE CARRIER'S BEHALF:

Certification of Officer to Authorize an Agent to File for Mobility Fund Recipients on Behalf of Reporting Carrier	
I certify that (Name of Agent) _____ is authorized to submit the information reported on behalf of the reporting carrier. I also certify that I am an officer of the reporting carrier; my responsibilities include ensuring the accuracy of the data reporting requirements provided to the authorized agent; and, to the best of my knowledge, the reports and data provided to the authorized agent is accurate.	
Name of Authorized Agent: _____	
Name of Reporting Carrier: _____	
Signature of Authorized Officer: _____	Date: _____
Printed name of Authorized Officer: _____	
Title or position of Authorized Officer: _____	
Telephone number of Authorized Officer: _____	
Study Area Code of Reporting Carrier: _____	Filing Due Date for this form: _____
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## TO BE COMPLETED BY THE AUTHORIZED AGENT:

Certification of Agent Authorized to File for Mobility Fund Recipients on Behalf of Reporting Carrier	
I, as agent for the reporting carrier, certify that I am authorized to submit the reports for Mobility Fund recipients on behalf of the reporting carrier; I have provided the data reported herein based on data provided by the reporting carrier; and, to the best of my knowledge, the information reported herein is accurate.	
Name of Reporting Carrier: _____	
Name of Authorized Agent or Employee of Agent: _____	
Signature of Authorized Agent or Employee of Agent: _____	Date: _____
Printed name of Authorized Agent or Employee of Agent: _____	
Title or position of Authorized Agent or Employee of Agent: _____	
Telephone number of Authorized Agent or Employee of Agent: _____	
Study Area Code of Reporting Carrier: _____	Filing Due Date for this form: _____
Persons willfully making false statements on this form can be punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.	



## Attachments

FCC Form 690  
Approved by OMB  
OMB Control No. 3060-1185

<010>	Study Area Code	618310
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<039>	Contact Email Address - Email Address of person identified in data line <030>	pmurphy@cvtc.org
<140>	Coverage and Performance Report Year	01/2014 - 12/2014

[illegible]

0

0

File Name: 618310\_CPRd\_AK

**SAC 618310 AK-Ahtna-41**  
**COPPER VALLEY WIRELESS, LLC**  
**COVERAGE UPDATE**

Copper Valley Wireless, LLC has completed construction of its 4G Tribal Mobility Fund Phase I network but has not yet completed coverage testing. Therefore, there is no new coverage to report as of December 31, 2014.

**Meeting Record: Thursday, 12/18/14, 1:30pm, Kluti-Klaah Office**

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**Copper Valley Telecom Present (Name/Title)**

- Tabitha Gregory, CCRO

---

**Tribal Organization Leadership Present (Name/ Title)**

- Kluti-Kaah Village staff member
  - Katherine McConkey, Tribal Administrator

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**Discussion Points:**

**1. Needs Assessment & Deployment Planning**

Katherine reported that the Village continues to seek funding for completion of the community center. Currently, the building is framed in, but all the interior work still needs to be done. There is new housing planned for a location near the Copper Center ball park and clearing of the land has begun. This is managed through the Housing Authority.

I asked that the group keeps us abreast of these projects as they develop so that we can ensure timely installation / moves of telecommunications needs.

**2. Feasibility and sustainability Planning**

I reported the following information regarding recent and planned capital projects that have/would impact the community:

- Copper Valley sites were upgraded to 4G LTE in 2014.
- We plan to install local fiber backbone from Silver Springs to Kluti Kaah and develop a new CSA to provide for future increased bandwidth offers as demand increases.
- Annual maintenance to our facilities and plant.

**Marketing in Culturally Sensitive Manner**

I asked Katherine felt there are ways that we could communicate more effectively with the community and council staff about services, promotions, and other information. We also discussed recent changes to the Lifeline eligibility programs and recertification process. Katherine did not have any recommendations for changing communications at this time.

**Rights of Way, Permitting**

NA

# COPY



December 22, 2014

**CERTIFIED MAIL: 7012 1640 0000 2367 9361**

Tonilee Jackson, President  
Kluti-Kaah Village Council  
Box 68  
Copper Center, AK 99573

Dear President Jackson:

I want to extend my thanks to Katherine McConkey for meeting with me on December 18. I know that Katherine has a busy schedule and I greatly appreciated her efforts to make the time to visit with us. In this letter I would like to provide you with a re-cap of the conversation so that you can share it with others on the Council and also so that you have a list of the follow-up items and ideas we discussed.

#### **Kluti-Kaah Village Construction Plans**

Katherine indicated that the village continues to work on planning and possible funding for the community center. She indicated that there are new houses planned for construction near the village and that these would be managed by the Housing Authority. As these projects develop, please keep us in the abreast of timelines so that we can adequately plan for construction of telecommunication services.

#### **Telecommunication Projects**

We reviewed the following Copper Valley Telecom projects that we've recently completed or that are planned in the Kluti-Kaah area.

- Some Copper Valley cell sites were upgraded to 4G LTE in 2014, including the Silver Springs site.
- We plan to install local fiber backbone from Silver Springs to Kluti-Kaah offices and develop a new CSA to provide as demand for bandwidth increases.
- Annual maintenance to our facilities and plant.

#### **Communications & Marketing**

I asked if there are ways in which our staff might be able to more effectively communicate with the community and council staff about services, promotions, and other information. Katherine asked that I send the Village office our CVT scholarship applications when they are out for the year and I will do this. Also, I will add Katherine to our business e-newsletter. I am always pleased to receive feedback and additional ideas, so don't hesitate to contact me if something comes to mind!

Please let me know if there's anything further that you wish to discuss or questions that arise.

Sincerely,

Tabitha Gregory  
Chief Customer Relations Officer  
Copper Valley Telecom

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Tonilee Jackson  
Kluti-Kaah Village Council  
PO Box 68  
Copper Center, AK 99573

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature ☒ Agent  
☒ Addressee  
 B. Received by (Printed Name) C. Date of Delivery  
 D. Is delivery address different from item 1? ☐ Yes  
 If YES, enter delivery address below: ☒ No

3. Service Type  
☒ Certified Mail  
☐ Registered  
☐ Insured Mail  
☐ Express Mail  
☐ Return Receipt for Merchandise  
☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number  
 (Transfer from service label)

7012 1640 0000 2367 9361

Domestic Return Receipt

102595-02-M-1540

PS Form 3811, February 2004

**Meeting Record: 11/14/14**

**Tazlina Traditional Council**

---

**Copper Valley Telecom Present (Name/Title)**

- Tabitha Gregory, CCRO
  - Mitch View, Senior Manager Telecom
- 

**Tribal Organization Leadership Present (Name/ Title)**

- Tazlina Traditional Council
    - Rick Young, Tribal Administrator
- 

**Introduction**

After introductions, Tabitha provided an overview of the purpose for the meeting.

---

**Discussion Points:**

**1. Needs Assessment & Deployment Planning**

Mr. Young reported that the Village continues planning work on a new community center which will be on the Old School Road across the river. The Village has some funding secured for planning, but Mr. Young doesn't expect that construction would begin in 2015. He also reported that the former clinic building which is located right next to the Village office has been vacated and they are planning to repurpose the facility for additional administrative offices. Village staff have been working with Copper Valley staff on installation of new phone & DSL service there.

**2. Feasibility and sustainability Planning**

We reported the following information regarding recent and planned capital projects that have/would impact the community:

**Recent upgrades and improvements in Mentasta Village**

In 2014, we upgraded the aging copper facilities along Smelcer Road to provide improved DSL service for residents.

4G LTE upgrades have been completed in the Copper Valley.

**Planned Future projects**

Routine annual fiber and copper maintenance and service order activity is planned for the near future.

**3. Marketing in Culturally Sensitive Manner**

Tabitha asked if there were ways that we could communicate more effectively with the community and council staff about services, promotions, and other information.

Mr. Young did not have any specific recommendations.

Tabitha also reported the changes to lifeline re-certifications and requested assistance in getting the word out on the importance of responding to the re-certification letters coming in the mail.

**4. Rights of Way, Permitting**

No known issues.





COPY

November 22, 2014

**CERTIFIED MAIL 7012 2210 0002 1501 2433**

Rick Young  
Native Village of Tazlina  
Box 87  
Glennallen, AK 99588

Dear Mr. Young:

I want to extend my thanks to you for meeting with me and Mitch Vieu on November 14 in Tazlina. I know that you have a busy schedule and I greatly appreciated your efforts to make the time to visit with us. In this letter I would like to provide you with a re-cap of the conversation so that you can share it with others on staff and on the Council who were unable to attend.

#### **Tazlina Village Construction Plans**

You shared with us that the new Community Center is in planning stages and that construction could begin after 2015. You also reported that you've been working with Copper Valley staff on installing new services to the old clinic building near the Village office. Please keep us abreast of these projects as they develop so that we can ensure timely installation of telecommunications services as needed.

#### **Telecommunication Projects**

We reviewed the following Copper Valley Telecom projects that we've recently completed in the Tazlina area.

##### **Recent upgrades and improvements in Tazlina village:**

- In 2014, we upgraded the aging copper facilities along Smelcer Road to provide improved DSL service for residents.
- 4G LTE upgrades have been completed on Copper Valley cell towers.

##### **Planned Future projects**

- General routine maintenance on copper and fiber facilities.

#### **Communications & Marketing**

We asked if you have any recommendations on ways in which our staff might be able to more effectively communicate with the community and council staff about services, promotions, and other information and you did not have any specific suggestions. Please let us know if anything has come to mind since our meeting.

I provided an overview of the Lifeline program and reported to you that we are currently re-certifying customers for their Lifeline benefits.

### Rights of Way, Permitting

We understand that, at this time, there are no right-of-way or permitting issues with the Council.

Again, we greatly appreciate the time. Please let me know if there's anything further that you wish to discuss or questions that arise.

Sincerely,



Tabitha Gregory  
Chief Customer Relations Officer  
Copper Valley Telecom

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"><li>■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li><li>■ Print your name and address on the reverse so that we can return the card to you.</li><li>■ Attach this card to the back of the mailpiece, or on the front if space permits.</li></ul>		<p>A. Signature <b>X</b> </p> <p>B. Received by (Printed Name) <b>YOUNG, RICK</b></p> <p>C. Date of Delivery <b>11/25/14</b></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input checked="" type="checkbox"/> No</p>	
1. Article Addressed to:  Rick Young Native Village of Tazlina PO Box 87 Glennallen, AK 99588		3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.	
2. Article Number (Transfer from service label) 		4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

## **PROJECT STATUS DESCRIPTION**

### **Overall Project Plan**

Applicant is providing a 4G LTE network covering eleven (11) unserved Census Blocks it won in Auction 902. In particular, Applicant won the following Census Blocks:

1. AK-Ahtna-33, Block 022610001003008
2. AK-Ahtna-38, Block 022610001004072
3. AK-Ahtna-39, Block 022610001004074
4. AK-Ahtna-40, Block 022610001004078
5. AK-Ahtna-41, Block 022610001004079
6. AK-Ahtna-42, Block 022610001004083
7. AK-Ahtna-45, Block 022610001004097
8. AK-Ahtna-46, Block 022610001004099
9. AK-Ahtna-47, Block 022610001004100
10. AK-Ahtna-48, Block 022610001004105
11. AK-Ahtna-49, Block 022610001004141

Specifically, Applicant has installed three new 8-foot panel antennas and six feed lines on an existing tower at an existing cellular site on Willow Mountain and has installed an eNodeB base station in an existing communications building at the Willow Mountain site. Copper Valley also operates 3G CDMA voice and data base stations deployed in the Valdez-Cordova census area of Alaska.

### *Technology and Spectrum*

Copper Valley has deployed 4G LTE technology using its access to 700 MHz and cellular spectrum. As described in the Spectrum Access exhibit of this application, Copper Valley has access to 25 megahertz of spectrum in the Cellular B Block frequency band which covers a partitioned area of the Alaska 2 – Bethel Cellular Market Area (CMA316) consisting of the Valdez-Cordova census area of Alaska. Copper Valley operates on the following Cellular B Block frequencies in CMA316 under Call Sign: KNKQ401: 835-845 MHz paired with 880-890 MHz and 846.5-849 MHz paired with 891.5-894 MHz. Copper Valley is the licensee of Cellular license KNKQ401. Copper Valley has not expanded the Cellular Geographic Service Area of license KNKQ401 as part of its Tribal Mobility Fund buildout. Copper Valley is also the spectrum lessee of 22 megahertz of spectrum in the Upper 700 MHz C Block frequency band, which covers portions of the Alaska Regional Economic Area (REA007) comprising the Valdez-Cordova census area (CMA316). Copper Valley leases this spectrum from Cellco Partnership

d/b/a Verizon Wireless (Verizon Wireless) and operates under call sign WQJU651: 746 -757 paired with 776-787 MHz.

Copper Valley has been providing wireless service since 1996 and has extensive experience in wireless network design, implementation and operation. Copper Valley's internal engineering and operations staff is experienced and its competencies range from the design to the implementation and ultimately the operation of the described project. Copper Valley will also hire outside general contractors to augment its staff as needed.

### **Status of Network Deployment**

The Willow Mountain 4G LTE project was completed in its entirety as planned, before July 1, 2014. The actual commercial live date was June 23, 2014. Maintenance will be ongoing through the life of the system as described on FCC Form 680 for the project and excerpted here for reference.

#### *“Phase IV: Maintenance*

*Maintenance will be on a constant, recurring and demand basis, as follows:*

- *Constant maintenance is performed by network monitoring equipment to which the site is remotely connected. Key Performance Indicators are tracked 24 hours a day seven days a week. Deviation from normal will generate alarms.*
- *Recurring maintenance occurs regulatory on quarterly intervals when a technician is on site and remotely when required. Condition of the equipment is inspected and filters are cleaned if necessary. Software and firmware updates are performed remotely as they are available.*
- *Demand maintenance will occur only when a problem is encountered or an alarm is generated. The scope of such maintenance will vary depending on the situation and may be completed remotely or require a site visit. Maintenance spares are kept for all major components of the system (including radios, transport interfaces, power supplies and antennas) and are deployed in the event of a failure and restocked immediately.”*

**Project Budget****Budget by Phase**

<b>Complete Project Budget</b>	<b>Amount</b>
<b>Tribal Mobility Fund Phase I Support Awarded</b>	\$152,400.00
<b>Phase I</b>	
Network Design (includes RF design, Site Development and Equipment)	\$59,044.00
<b>Phase II</b>	
Buildout	\$50,882.00
<b>Phase III</b>	
Site Deployment (includes turn-up and test)	\$38,187.00
<b>Build-Out Total</b>	\$148,113.00